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SAINT LUCIA.

Botanic Garden Station.

Monthly Synopses of Meteorological Observations.

January 1898 -- December 1899

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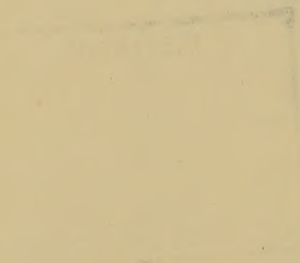
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SYNOPSIS of Meteorological Observations for January, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″. N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.						
	Unreduced readings.				Wet and Dry Bulbs						
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.			
	in.	°	in.	°	°	°	°	°	°	°	in.
Means ...	30·124	73	30·114	83	73·7	71·6	83·8	77	85	72	4·67

Highest reading of Barometer as read (on 31st)—30·256 inches.
Lowest „ „ „ „ „ (6th)—30·060 „
Mean daily reading of Barometer, corrected and reduced to 32° F.— 29·998 inches.
Highest reading of Maximum Thermometer (28th)—87·5° F.
Lowest „ „ Minimum „ (28th and 29th)— 67° F.
Daily mean temperature for the month—78·5° F.
„ „ dew point „ „ „ —71° F.
Tension of aqueous vapour—759.
Relative Humidity—77.
Number of days on which rain fell—24.
Maximum rainfall in one day—·80 inches (on 8th.)

J. CHISNALL MOORE,
Curator.

SYNOPSIS of Meteorological Observations for February, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″. N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.						
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.				
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.			
	in.	°	in.	°	°	°	°	°	°	°	in.
Means ...	30·108	72·2	30·108	83·9	72·2	69·9	84·1	75·9	84·5	70·5	3·09

Highest reading of Barometer as read (on 2nd)—30·198 inches.
Lowest „ „ „ „ „ (28th)—30·050 „
Mean daily reading of Barometer, corrected and reduced to 32° F.— 29·984 inches.
Highest reading of Maximum Thermometer (3rd)—89° F.
Lowest „ „ Minimum „ (10th and 11th)— 67° F.
Daily mean temperature for the month—77·5° F.
„ „ dew point „ „ „ —71° F.
Tension of aqueous vapour—759.
Relative Humidity—77.
Number of days on which rain fell—16.
Maximum rainfall in one day—·50 inches (on 5th.)
Total Rainfall since Jauuary 1st—7·76 inches.

J. CHISNALL MOORE,
Curator.

SYNOPSIS of Meteorological Observations for March, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″. N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.						
	Unreduced readings.				Wet and Dry Bulbs.						
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.			
	in.	°	in.	°	°	°	°	°	°	°	in.
Means ...	30·068	72·5	30·062	84·3	73·0	69·2	81·5	74·7	85·2	69·9	4·42

Highest reading of Barometer as read (on 17th)—30·140 inches.
Lowest „ „ „ „ „ (13th)—29·950 „
Mean daily reading of Barometer, corrected and reduced to 32° F.— 29·938 inches.
Highest reading of Maximum Thermometer (16th)—89° F.
Lowest „ „ Minimum „ (28th)— 65° F.
Daily mean temperature for the month—77·5° F.
„ „ dew point „ „ „ —68° F.
Tension of aqueous vapour—686.
Relative Humidity—73.
Number of days on which rain fell—14.
Maximum rainfall in one day—1·91 inches (on 11th.)
Total Rainfall since Jauuary 1st—9·18 inches.

J. CHISNALL MOORE,
Curator.

SYNOPSIS of Meteorological Observations for April, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.						
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.				
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.			
	in.	°	in.	°	°	°	°	°	°	°	in.
Means ...	30·155	77·	30·147	87·7	77·4	73·3	87.2	77·8	87·8	73·6	5·23

Highest reading of Barometer as read (on 5th)—30·250 inches.
Lowest „ „ „ „ „ (28th)—30·066 „
Mean daily reading of Barometer, corrected and reduced to 32° F.— 30·024 inches.
Highest reading of Maximum Thermometer (24th)—91° F.
Lowest „ „ Minimum „ (14th)—69° F.
Daily mean temperature for the month—80·7 F.
„ „ dew point „ „ „ —71° F.
Tension of aqueous vapour—759.
Relative Humidity—70.
Number of days on which rain fell—16.
Maximum rainfall in one day—1·62 inches (on 28th.)
Total Rainfall since Jauuary 1st—14·41 inches.

J. CHISNALL MOORE,
Curator.

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Weather Bureau

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SYNOPSIS of Meteorological Return for month of May, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								Total Rainfall.
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·179	79·1	30·169	89·4	79·1	74·5	88·4	78	91·1	71·9	157·9	69·5	1·34

Highest reading of Barometer as read (on 29th)—30·234 inches.
Lowest „ „ „ „ „ („ 3rd)—30·076 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·047 inches.
Highest reading of Maximum Thermometer (on 14th)– 97° F.
Lowest „ „ Minimum „ (on 12th)—69° F.
Daily mean temperature for the month—81·5° F.
„ „ dew point „ „ „ —71·4° F.
Tension of aqueous vapour—·759.
Relative Humidity—66
Number of days on which rain fell—13.
Maximum rainfall in one day—·32 inches (on 29th.)
Total Rainfall since January 1st—17·80 inches.

J. CHISNALL MOORE,
Curator.

T S 1898

SYNOPSIS of Meteorological Observations for June, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.						Total Rainfall.
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	
	7 a.m.		3 p.m.		7 a.m.		3 p.m.				
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.			
	in.	°	in.	°	°	°	°	°	°	°	in.
Means ...	30·162	80·5	30·153	88·9	80·5	76·3	87·9	79·1	88·5	76·2	6·75.

Highest reading of Barometer as read (on 9th)—30·212 inches.
Lowest „ „ „ „ „ (2nd)—30·086 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·030 inches.
Highest reading of Maximum Thermometer (5th)—91·5° F.
Lowest „ „ Minimum „ (27th)—73° F.
Daily mean temperature for the month—82·3° F.
„ „ dew point „ „ „ —73·4° F.
Tension of aqueous vapour—812.
Relative Humidity—70·3.
Number of days on which rain fell—23.
Maximum rainfall in one day—1·30 inches (on 14th.)
Total Rainfall since January 1st—23·64 inches.

J. CHISNALL MOORE,
Curator.

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SYNOPSIS of Meteorological Return for month of July, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·129	79·5	30·140	87·8	79·6	76·7	86·8	79·9	88·7	72·6	162	72·7	7·30

Highest reading of Barometer as read (on 3rd)—30·186 inches.
Lowest „ „ „ „ „ („ 14th)—30·076 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·007 inches.
Highest reading of Maximum Thermometer (on 29th)– 91° F.
Lowest „ „ Minimum „ (on 26th)—69° F.
Daily mean temperature for the month—80·6° F.
„ „ dew point „ „ „ —75° F.
Tension of aqueous vapour—·868.
Relative Humidity—76
Number of days on which rain fell—29.
Maximum rainfall in one day—·73 inches (on 14th.)
Total Rainfall since January 1st—33·89 inches.

J. CHISNALL MOORE,
Curator.

SYNOPSIS of Meteorological Observations for August, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								Total Rainfall.
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Mean Temperature Blackened Bulb in vacuo.	Mean Temperature Thermometer on grass.	
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·118	78	30·118	87·5	79·2	76·5	86·7	79·6	87·9	75·2	154	70·9	13·20.

Highest reading of Barometer as read (on 5th)—30·198 inches.
Lowest „ „ „ „ „ (on 15th)—30·010 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·991 inches.
Highest reading of Maximum Thermometer (on 6th)—90·5° F.
Lowest „ „ Minimum „ (on 5th and 6th)—73° F.
Highest reading of Blackened Bulb in vacuo—165° (on 12th.)
Lowest „ „ Thermometer exposed on grass—67° (on 5th)
Daily mean temperature for the month—81·5° F.
„ „ dew point „ „ „ —75·4° F.
Tension of aqueous vapour—·882
Relative Humidity—78.
Number of days on which rain fell—29.
Maximum rainfall in one day—2·12 inches (on 15th.)
Total Rainfall since January 1st—49·89 inches.

J. CHISNALL MOORE,
Curator.

Weather Bureau

SYNOPSIS of Meteorological Observations for September, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Mean Temperature Blackened Bulb in vacuo.	Mean Temperature Thermometer on grass.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·075	77·7	30·069	85·9	78	75·5	85	79·3	87·5	74·1	155	69·5	~~24·74~~ 25·28

Highest reading of Barometer as read (21st)—30·138 inches.
Lowest „ „ „ „ „ (11th)—29·864 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·945 inches.
Highest reading of Maximum Thermometer (24th)—91° F.
Lowest „ „ Minimum „ (26th)—71° F.
Daily mean temperature for the month—80·8° F.
„ „ dew point „ „ „ —74·7° F.
Tension of aqueous vapour—868
Relative Humidity—82.
Number of days on which rain fell—22.
Maximum rainfall in one day—13·18 inches (on 11th.) Rain Guage overflowed.
Total Rainfall since January 1st—74·63 inches.

J. CHISNALL MOORE,
Curator.

Weather Bureau

SYNOPSIS of Meteorological Observations for October, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								Total Rainfall.
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Temperature Blackened bulb in vacuo.	Lowest Temperature Thermometer on grass.	
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·093	78	30·069	87·4	78·3	75·8	86·7	79·2	88·7	74·4	156·8	69·6	10·96.

Highest reading of Barometer as read (19th)—30·168 inches.
Lowest „ „ „ „ „ (27th)—30·004 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·954 inches.
Highest reading of Maximum Thermometer (10th)—91·5° F.
Lowest „ „ Minimum „ (27th)—71° F.
Daily mean temperature for the month—82·5° F.
„ „ dew point „ „ „ —74·2° F.
Tension of aqueous vapour—·840.
Relative Humidity—76
Number of days on which rain fell—28.
Maximum rainfall in one day—2·12 inches (on 4th.)
Total Rainfall since January 1st—86·13 inches.

N.B.—Correction to Synopsis for Month of September last :—
Total Rainfall should read as 25·28 inches.
„ „ since January 1st. as 75·17.

J. CHISNALL MOORE,
Curator.

Weather Bur...

SYNOPSIS of Meteorological Observations for November, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Temperaure Black bulb in vacuo.	Temperature Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·052	76·1	30·039	85	76·2	73·5	84	77·7	86·5	72·7	153	67·4	12·23.

Highest reading of Barometer as read (on 26th)—30·122 inches.
Lowest „ „ „ „ „ („ 6th)—29·956 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·918 inches.
Highest reading of Maximum Thermometer (on 18th)—89·5° F.
Lowest „ „ Minimum „ („ 16th)—71·5° F.
Daily mean temperature for the month—79·6° F.
„ „ dew point „ „ „ —72·6° F.
Tension of aqueous vapour—·812.
Relative Humidity—79
Number of days on which rain fell—24.
Maximum rainfall in one day—3·58 inches (on 1st.)
Total Rainfall since January 1st—98·36 inches.

J. CHISNALL MOORE,
Curator.

Weather Bureau

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SYNOPSIS of Meteorological Observations for December, 1898.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Temperaure Black bulb in vacuo.	Temperature Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·141	75·4	30·120	85·3	75·5	72·5	84·5	76·5	86	72·4	151	66·5	6·13.

Highest reading of Barometer as read (on 13th)—30·226 inches.
Lowest „ „ „ „ „ („ 20th)—30·072 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·003 inches.
Highest reading of Maximum Thermometer (on 25th)—90° F.
Lowest „ „ Minimum „ („ 21st)—68° F.
Daily mean temperature for the month—79·2° F.
„ „ dew point „ „ „ —70·8° F.
Tension of aqueous vapour—·746.
Relative Humidity—74
Number of days on which rain fell—28.
Maximum rainfall in one day—·99 inches (on 1st.)
Total Rainfall since January 1st—104·49 inches.

Correction.—In the Synopsis for March, the total rainfall since January 1st should read 12·18 ins., instead of 9·18 inches. This difference of 3 inches (which was due to a clerical error) should be added to the total for the year which should read as 107·49.

J. CHISNALL MOORE,
Curator.

AUG 31 1899
Weather Bureau

SYNOPSIS of Meteorological Return for month of January, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Mean Tem. Blkd. bulb in vacuo.	Mean Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·148	75	30·136	83·7	75	71·2	83·2	74·3	84·3	72	148·4	66·1	6·42

Highest reading of Barometer as read (on 18th)—30·196 inches.
Lowest „ „ „ „ „ („ 5th)—30·082 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·015 inches.
Highest reading of Maximum Thermometer (14th & 27th)—87° F.
Lowest „ „ Minimum „ (20th)—70° F.
Daily mean temperature for the month—78·1° F.
„ „ dew point „ „ „ —68·4° F.
Tension of aqueous vapour—·684.
Relative Humidity—69
Number of days on which rain fell—28.
Maximum rainfall in one day—1·51 inches (on 9th.)
Total Rainfall since January 1st—6·42 inches.

J. CHISNALL MOORE,
Curator.

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SYNOPSIS of Meteorological Return for month of February, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Tem. Blkd. bulb in vacuo.	Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·180	74·4	30·048	83·5	74·4	70·4	83	74·4	83·7	71·6	149·6	65·2	3·58

Highest reading of Barometer as read (on 11th)—30·234 inches.
Lowest „ „ „ „ „ („ 26th)—30·126 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·050 inches.
Highest reading of Maximum Thermometer (11th & 28th)—86·5° F.
Lowest „ „ Minimum „ (5th)—69° F.
Daily mean temperature for the month—77·6° F.
„ „ dew point „ „ „ —68° F.
Tension of aqueous vapour—·684.
Relative Humidity—70
Number of days on which rain fell—24.
Maximum rainfall in one day—0·44 inches (on 18th.)
Total Rainfall since January 1st—10 inches.

J. CHISNALL MOORE,
Curator

AUG 31 1899
Weather Bureau

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SYNOPSIS of Meteorological Return for month of March, 1899.

Station—Botanic Garden. St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.	Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·166	73·7	30·152	84·	73·9	70·3	82·8	74·7	84·4	70·3	152·8	65·9	5·15

Highest reading of Barometer as read (on 8th)—30·226 inches.
Lowest „ „ „ „ „ („ 24th)—30·076 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·982 inches.
Highest reading of Maximum Thermometer (on 19th)—89° F.
Lowest „ „ Minimum „ (on 26th)—66° F.
Daily mean temperature for the month—77·3° F.
„ „ dew point „ „ „ —68·5° F.
Tension of aqueous vapour—·696.
Relative Humidity—71
Number of days on which rain fell—18.
Maximum rainfall in one day—1·44 inches (on 13th.)
Total Rainfall since January 1st—15·15 inches.

J. CHISNALL MOORE,
Curator.

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Weather Bureau

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SYNOPSIS of Meteorological Return for month of April, 1899.

Station—Botanic Garden. St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·153	75·9	30·142	87·2	75·9	72·	86·3	76·3	89·3	70·	156·1	66·8	1·31

Highest reading of Barometer as read (on 25th)—30·230 inches.
Lowest „ „ „ „ „ („ 23rd)—30·072 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·020 inches.
Highest reading of Maximum Thermometer (on 27th)—92·5° F.
Lowest „ „ Minimum „ (on 13th)—66° F.
Daily mean temperature for the month—79·6° F.
„ „ dew point „ „ „ —69·6° F.
Tension of aqueous vapour—·720.
Relative Humidity—68
Number of days on which rain fell—8.
Maximum rainfall in one day—·64 inches (on 1st.)
Total Rainfall since January 1st—16·46 inches.

J. CHISNALL MOORE,
Curator.

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SYNOPSIS of Meteorological Return for month of May, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·179	79·1	30·169	89·4	79·1	74·5	88·4	78	91·1	71·9	157·9	69·5	1·34

Highest reading of Barometer as read (on 29th)—30·234 inches.
Lowest „ „ „ „ „ („ 3rd)—30·076 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·047 inches.
Highest reading of Maximum Thermometer (on 14th)– 97° F.
Lowest „ „ Minimum „ (on 12th)—69° F.
Daily mean temperature for the month—81·5° F.
„ „ dew point „ „ „ —71·4° F.
Tension of aqueous vapour—·759.
Relative Humidity—66
Number of days on which rain fell—13.
Maximum rainfall in one day—·32 inches (on 29th.)
Total Rainfall since January 1st—17·80 inches.

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SYNOPSIS of Meteorological Return for month of June, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·194	79·2	30·166	80·5	79·1	76·1	88·4	78·9	90·	72·1	152·9	71·5	8·79

Highest reading of Barometer as read (on 17th)—30·240 inches.
Lowest „ „ „ „ „ („ 4th)—30·094 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·037 inches.
Highest reading of Maximum Thermometer (on 8th)– 94° F.
Lowest „ „ Minimum „ (on 5th)—70° F.
Daily mean temperature for the month—81·0° F.
„ „ dew point „ „ „ —73·6° F.
Tension of aqueous vapour—·826.
Relative Humidity—72
Number of days on which rain fell—25.
Maximum rainfall in one day—1·45 inches (on 10th.)
Total Rainfall since January 1st—26·59 inches.

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SYNOPSIS of Meteorological Return for month of July, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·129	79·5	30·140	87·8	79·6	76·7	86·8	79·9	88·7	72·6	162	72·7	7·30

Highest reading of Barometer as read (on 3rd)—30·186 inches.
Lowest „ „ „ „ „ („ 14th)—30·076 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—30·007 inches.
Highest reading of Maximum Thermometer (on 29th)– 91° F.
Lowest „ „ Minimum „ (on 26th)—69° F.
Daily mean temperature for the month—80·6° F.
„ „ dew point „ „ „ —75° F.
Tension of aqueous vapour—·868.
Relative Humidity—76
Number of days on which rain fell—29.
Maximum rainfall in one day—·73 inches (on 14th.)
Total Rainfall since January 1st—33·89 inches.

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SYNOPSIS of Meteorological Return for month of August, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.								
	7 a.m.		3 p.m.		7 a.m.		3 p.m.		Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·097	79·2	30·103	87·8	79·4	76·7	87·2	80·5	88·4	72·7	150·2	72·5	17·33

Highest reading of Barometer as read (on 2nd)—30·164 inches.
Lowest „ „ „ „ „ („ 7th)—29·972 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·970 inches.
Highest reading of Maximum Thermometer (on 16th)– 92·5° F.
Lowest „ „ Minimum „ (on 16th)—69° F.
Daily mean temperature for the month—80·6° F.
„ „ dew point „ „ „ —75·6° F.
Tension of aqueous vapour—·882.
Relative Humidity—78.
Number of days on which rain fell—30.
Maximum rainfall in one day—6·92 inches (on 30th.)
Total Rainfall since January 1st—51·22 inches.

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SYNOPSIS of Meteorological Return for month of September, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								Total Rainfall.
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·110	77·8	30·099	88·5	78·2	76·3	87·8	80·6	89·8	71·7	150·2	71·3	8.62

Highest reading of Barometer as read (on 5th)—30·206 inches.
Lowest „ „ „ „ „ („ 28th)—30·000 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·977 inches.
Highest reading of Maximum Thermometer (on 2nd)– 93·5° F.
Lowest „ „ Minimum „ (on 27th)—68° F.
Daily mean temperature for the month—80·7° F.
„ „ dew point „ „ „ —75·1° F.
Tension of aqueous vapour—·882.
Relative Humidity—78.
Number of days on which rain fell—18.
Maximum rainfall in one day—1·41 inches (on 29th.)
Total Rainfall since January 1st—59·84 inches.

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SYNOPSIS of Meteorological Return for month of October, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·054	75·9	30·041	85·7	76·8	75·1	85·7	80·1	87·6	70·6	149·5	70·2	7.00

Highest reading of Barometer as read (on 10th)—30·128 inches.
Lowest „ „ „ „ „ („ 21st)—29·968 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·912 inches.
Highest reading of Maximum Thermometer (on 14th & 15th)—90·0 F.
Lowest „ „ Minimum „ (on 26th)—67·5° F.
Daily mean temperature for the month—79·1° F.
„ „ dew point „ „ „ —75·2° F.
Tension of aqueous vapour—·868.
Relative Humidity—.83.
Number of days on which rain fell—25.
Maximum rainfall in one day—2·00 inches (on 8th.)
Total Rainfall since January 1st—66·84 inches.

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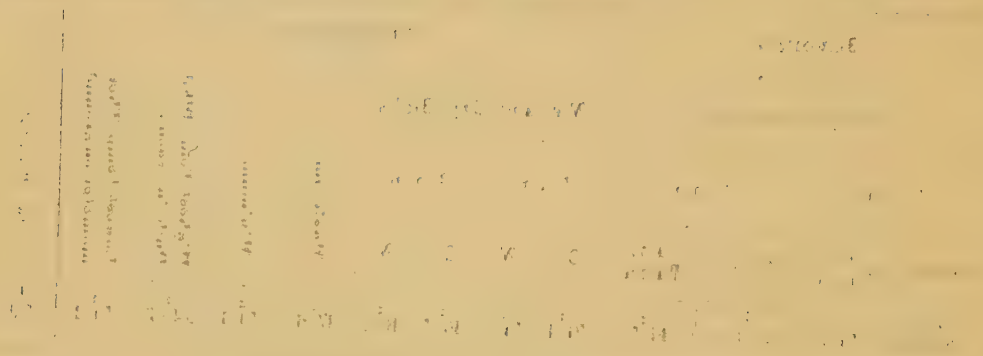

SYNOPSIS of Meteorological Return for month of November, 1899.

Station—Botanic Garden, St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs.				Maximum.	Minimum.	Highest Tem. Blkd. Bulb in vacuo.	Lowest Temp. Thermometer on ground.	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·064	77·1	30 038	85·	77·6	76·	85·1	79·6	86·1	71·8	147·4	71·2	11·81

Highest reading of Barometer as read (on 8th)—30·146 inches.
Lowest „ „ „ „ „ („ 19th)—29·970 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·916 inches.
Highest reading of Maximum Thermometer (on 5th)—87·5° F.
Lowest „ „ Minimum „ (on 16th)—69·° F.
Daily mean temperature for the month—78·9o F.
„ „ dew point „ „ „ —75·4° F.
Tension of aqueous vapour—·882.
Relative Humidity—.81.
Number of days on which rain fell—24.
Maximum rainfall in one day—3·71 inches (on 6th.)
Total Rainfall since January 1st—78·65 inches.

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SYNOPSIS of Meteorological Return for month of December, 1899.

Station—Botanic Garden. St. Lucia.

Long. 60° 59′ 49″ W. Lat. 14° 0′ 56″ N. Height above Sea level, 10 ft.

	Barometer.				Thermometers.								
	Unreduced readings.				Wet and Dry Bulbs				Maximum.	Minimum.	Solar Radiation Blk. Bulb in vacuo.	Lowest Temp. on ground	Total Rainfall.
	7 a.m.		3 p.m.		7 a.m.		3 p.m.						
	Barom.	Att. Therm.	Barom.	Att. Therm.	D.	W.	D.	W.					
	in.	°	in.	°	°	°	°	°	°	°	°	°	in.
Means	30·067	73·4	30·052	82·5	73·9	72·6	82·4	76·8	83·5	68·5	146·3	67·5	5·99

Highest reading of Barometer as read (on 6th)—30·148 inches.
Lowest „ „ „ „ „ („ 4th)—29·972 „
Mean daily reading of Barometer, corrected and reduced to 32° F.—29·947 inches.
Highest reading of Maximum Thermometer (on 2nd)—86·5° F.
Lowest „ „ Minimum „ (on 15th)—61·5° F.
Daily mean temperature for the month—76·° F.
„ „ dew point „ „ „ —72·3° F.
Tension of aqueous vapour—·798.
Relative Humidity—.78.
Number of days on which rain fell—20.
Maximum rainfall in one day—2·34 inches (on 23rd.)
Total Rainfall since January 1st—84·64 inches.

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